PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	·	see Form PCT/ISA/220	41.	
3474.1018003	ACTION	as well a	s, where applicable, item 5	below.	, .
International application No.	International filing date (day/month/)	rear)	(Earliest) Priority Date (da	y/month/year)	
PCT/US2004/034548	19/10/2004		21/10/	2003	
Applicant		•			
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SENTION, INC.			:	· .	
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Search Insmitted to the International Bureau.	ning Author	rity and is transmitted to the	applicant	. :
This International Search Report consists					
It is also accompanied by	a copy of each prior art document cite	d in this re	port.		· (,
Basis of the report a. With regard to the language, the language in which it was filed, unli	international search was carried out or ess otherwise indicated under this iten	n the basis n.	of the international applicat	ion in the	
The international this Authority (Rul	search was carried out on the basis of le 23.1(b)).	a translati	on of the international appli	cation furnished to)
b. With regard to any nucleo	otide and/or amino acid sequence d	isclosed in	the international application	ı, see Box No. I.	
2. X Certain claims were foun	nd unsearchable (See Box II).		•		
3. X Unity of invention is lac	king (see Box III).				
4. With regard to the title,					
X the text is approved as su	bmitted by the applicant.				. [
the text has been establis	hed by this Authority to read as follows	s:	· · · · · · · · · · · · · · · · · · ·	A for	
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5. With regard to the abstract,		:			
5. With regard to the abstract, X the text is approved as su	bmitted by the applicant	•			
	hed, according to Rule 38.2(b), by this	Authority	as it appears in Box No. IV.	The applicant	
may, within one month fro	m the date of mailing of this internatio	nal search	report, submit comments to	this Authority.	•
6. With regard to the drawings ,					
_	ublished with the abstract is Figure No	o. <u>1</u>	<u> </u>		.]
X as suggested by t			• .		
as selected by thi	s Authority, because the applicant faile	ed to sugge	est a figure.		ļ
as selected by thi	s Authority, because this figure better	characteriz	zes the invention.	· :	. [
b. none of the figures is to be	e published with the abstract.		·		

International application No. PCT/US2004/034548

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 25-50 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
see annex
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-53 (in part)

Aminoethylphenyl carbamic acid esters (1st compound in claims 9-11)

2. claims: 1-10,12-53 (in part)

Phenylammonium carbamic acid esters (2nd compound in claim 9, 3rd compound in claim 10)

3. claims: 1-53 (in part)

Pyrroloindolyl carbamic acid esters (3rd compound in claim 9, 2nd compound in claims 10 and 11)

4. claims: 1-10,12-53 (in part)

N-oxo-pyrroloindolyl carbamic acid esters (4th compound in claims 9 and 10)

5. claims: 1-53 (in part)

Hexahydrooxazinoindolyl carbamamic acid esters (5th compound in claims 9 and 10, 3rd compound in claim 11)

6. claims: 1-53 (in part)

Tetrahydrofuroindolyl carbamamic acid esters (6th compound in claims 9 and 10, 4th compound in claim 11)

7. claims: 1-10,12-53 (in part)

pyridinyl carbamamic acid esters (last compound in claims 9 and 10) $\,$

International Application No PCT/US2004/034548

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C271/40 C07D519/00 A61K31/27 CO7D213/64 A61K31/4406 A61K31/5365 A61P25/00 A61K31/407

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category ^c

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data

Citation of document, with indication, where appropriate, of the relevant passages

X	WO 96/02524 A (MEDIOLANUM FAR S.P.A; TERNI, PATRIZIA; MAIRA MANDEL) 1 February 1996 (1996 claims; examples	NI, LUCIA;	1-10, 12-53
X	DE 38 05 744 A1 (SANDOZ-PATEN LOERRACH, DE; NOVARTIS AG, BA 15 September 1988 (1988-09-15 claims	SEL)	1-53
X	US 4 948 807 A (ROSIN ET AL) 14 August 1990 (1990-08-14) examples		1-10, 12-53
		-/	·
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X Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed	d in annex.
° Special car	tegories of cited documents :	"T" later document published after the in	
	ent defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict will cited to understand the principle or t invention	th the application but theory underlying the
	locument but published on or after the international	"X" document of particular relevance; the cannot be considered novel or cann	claimed invention
"L" docume	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another	involve an inventive step when the o	document is taken alone
citation	or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an document is combined with one or r	inventive step when the
other n		ments, such combination being obvin the art.	
"P" docume later th	ent published prior to the international filing date but an the priority date claimed	"&" document member of the same pater	nt family
Date of the a	actual completion of the international search	Date of mailing of the international se	earch report
2	1 June 2005	1 6 11 2005	
Name and m	nailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	·	
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Österle, C	
Form PCT/ISA/2	210 (second sheet) (January 2004)		

Relevant to claim No.

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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	·		•
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	•
Х	AMSTUTZ R ET AL: "CYCLISCHE PHENYL-CARBAMATE DES MIOTIN-TYPS UND IHRE WIRKUNG AUF DIE ACETYLCHOLINESTERASE CYCLIC PHENYL CARBAMATES AND THEIR ACTION ON ACETYLCHOLINESTERASE"		1-53	
	HELVETICA CHIMICA ACTA, VERLAG HELVETICA CHIMICA ACTA. BASEL, CH, vol. 73, no. 3, 1990, pages 739-753, XP009047338 ISSN: 0018-019X compounds 2,7			
X	STERLING J: "novel dual inhibitors of AChE and MAO"		1-10, 12-53	
	JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 45, no. 24, 2002, pages 5260-5279, XP002296523 ISSN: 0022-2623 compounds 1A,1B			
X	FR 2 719 047 A (FABRE MEDICAMENT PIERRE) 27 October 1995 (1995-10-27) page 22; example F	: . :	1-9, 12-53	
X	V. TUMIATTI ET AL: "[4-[[N-(3-Chlorophenyl)carbamoyl]oxy]-2-b utynyl]-trimethylammonium (McN-A-343)-related compounds. Effect of the butnyl chain inclusion into an aromatic unit on the potency for muscarinic receptors" BIOORGANIC & MEDICINAL CHEMISTRY, vol. 8, 2000, pages 681-689, XP002331877 table 1; compounds 1-18		1-9, 12-53	
L	DATABASE BEILSTEIN [Online] BEILSTEIN INSTITUT FUER CHEMISCHE WISSENSCHAFTEN, FRANKFURT AM MAIN, DE; XP002331880 Database accession no. 605269 (BRN) abstract & SHIN J-S. ET AL: J.ORG.CHEM., vol. 67, no. 9, 2002, pages 2848-2853,		1-53	

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